

Publication number 04-305247

# CONTACT CRACKING CATALYST

## Abstract:

**PURPOSE:** To provide the catalyst which accelerates the cracking of heavy factions and simultaneously suppresses the coke sticking onto the catalyst and hydrogen formation.

**CONSTITUTION:** This contact cracking catalyst is constituted of a catalyst inside layer contg. a silica alumina hydrogen of  $\geq 50\text{wt.}\%$   $\text{Al}_2\text{O}_3$  content and a catalyst outside layer consisting of a silica alumina hydrogen of  $\leq 20\text{wt.}\%$   $\text{Al}_2\text{O}_3$  content. The contact cracking catalyst satisfies the contradicting requirements for accelerating the cracking of the heavy fractions and simultaneously suppressing the coke sticking onto the catalyst and the hydrogen formation.